COURSE DETAIL

ENVIRONMENTAL BIOACOUSTICS
Country Singapore
Host Institution National University of Singapore
Program(s) National University of Singapore
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Biological Sciences
UCEAP Course Number 168
UCEAP Course Suffix
UCEAP Official Title ENVIRONMENTAL BIOACOUSTICS
UCEAP Transcript Title ENVRNMTL BIOACOUSTC
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

From low frequency minute vibrations to infrasonic and ultrasonic frequencies, from waterborne to air-transmitted sounds, this course introduces what sound is (i.e. fundamentals of sound, how sound travels etc.), how and why it matters to animals (i.e. mechanisms and adaptive functions of sound production and reception) in both terrestrial and marine habitats, bioacoustic instrumentation and software, industrial applications, and how environmental issues involving sounds such as terrestrial and ocean noise pollution are affecting animals and humans.

Language(s) of Instruction
English

Host Institution Course Number
LSM4268

Host Institution Course Title
ENVIRONMENTAL BIOACOUSTICS

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Biological Sciences

Course Last Reviewed
2022-2023

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